

Application No. 10/550,842
Response dated: September 20, 2008
Reply to Non-Final Office Action of: July 21, 2008

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) ~~An inkjet printing method according to claim 4, wherein a step for applying the pretreatment liquid, a step for drying the applied pretreatment liquid and a step for printing the fabric are serially arranged so that a pretreatment step, a drying step and a printing step are concurrently performed~~ A textile printing method applying inkjet printer comprising the steps for:

feeding a fabric by a fabric feed roller;

applying a pretreatment liquid to the fabric by jetting the pretreatment liquid installed in a pretreatment liquid reservoir having respective containers filled with individual compositions of the pretreatment liquid, so that such individual compositions are applied and concurrently mixed on the fabric surface through a pretreatment head to pretreat the fabric by operation of a control unit depending upon the fabric material; and

drying the pretreatment liquid applied to the fabric through a dryer;

printing on the dried fabric by jetting an ink installed in an ink reservoir through a printing head,

wherein the pretreatment head, the dryer and the printing head are serially arranged so that the steps for applying a pretreatment liquid, drying the pretreatment liquid and printing on the dried fabric are concurrently performed.

6. (Currently Amended) ~~An inkjet printing method according to claim 4 wherein a step for applying the pretreatment liquid, a step for drying the applied pretreatment liquid and a step for printing the fabric are arranged in parallel so that a pretreatment step, a drying step and a printing step are consecutively performed~~ A textile printing method applying inkjet printer comprising the steps for:

feeding a fabric by a fabric feed roller;

applying a pretreatment liquid to the fabric by jetting the pretreatment liquid installed in a pretreatment liquid reservoir having respective containers filled with individual compositions of the pretreatment liquid, so that such individual compositions are applied and concurrently mixed on the fabric surface through a pretreatment head to pretreat the fabric by operation of a control unit depending upon the fabric material; and

drying the pretreatment liquid applied to the fabric through a dryer;

printing on the dried fabric by jetting an ink installed in an ink reservoir through a printing head,

wherein the pretreatment head, the dryer and the printing head are arranged in parallel so that the steps for applying a pretreatment liquid, drying the pretreatment liquid and printing on the dried fabric are consecutively performed.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) ~~An inkjet printing apparatus according to Claim 11, wherein the pretreatment head, the dryer and the printing head are sequentially arranged in the direction that the fabric is fed so that the pretreating work, the drying work and the printing work are consecutively performed~~ A textile printing apparatus applying inkjet printer comprising:

a feed roller for feeding a fabric;

a pretreatment head for applying a pretreatment liquid to the fabric by jetting the pretreatment liquid;

a pretreatment liquid reservoir for feeding the pretreatment liquid to the pretreatment head and having respective containers filled with individual compositions of the pretreatment liquid, so that such individual compositions are applied and concurrently mixed on the fabric surface to pretreat the fabric depending upon the fabric material;

a dryer for drying the pretreatment liquid applied to the fabric;

a printing head for printing on the dried fabric by jetting an ink;

an ink reservoir for feeding the ink to the printing head; and

a control unit for controlling the feed roller, the pretreatment liquid reservoir, and the ink reservoir,

wherein the pretreatment head, the dryer and the printing head are sequentially arranged in the direction that the fabric is fed so that the pretreating work, the drying work and the printing work are consecutively performed.

13. (Currently Amended) ~~An inkjet printing apparatus according to Claim 11, wherein the pretreatment head, the dryer and the printing head are arranged in series or in parallel to construct a combined apparatus so that the pretreating work, the drying work and the printing work are consecutively performed~~ A textile printing apparatus applying inkjet printer comprising:

a feed roller for feeding a fabric;

a pretreatment head for applying a pretreatment liquid to the fabric by jetting the pretreatment liquid;

a pretreatment liquid reservoir for feeding the pretreatment liquid to the pretreatment head and having respective containers filled with individual compositions of the pretreatment liquid, so that such individual compositions are applied and concurrently mixed on the fabric surface to pretreat the fabric depending upon the fabric material;

a dryer for drying the pretreatment liquid applied to the fabric;

a printing head for printing on the dried fabric by jetting an ink;

an ink reservoir for feeding the ink to the printing head; and

a control unit for controlling the feed roller, the pretreatment liquid reservoir, and the ink reservoir,

wherein the pretreatment head, the dryer and the printing head are arranged in series or in parallel to construct a combined apparatus so that the pretreating work, the drying work and the printing work are consecutively performed.